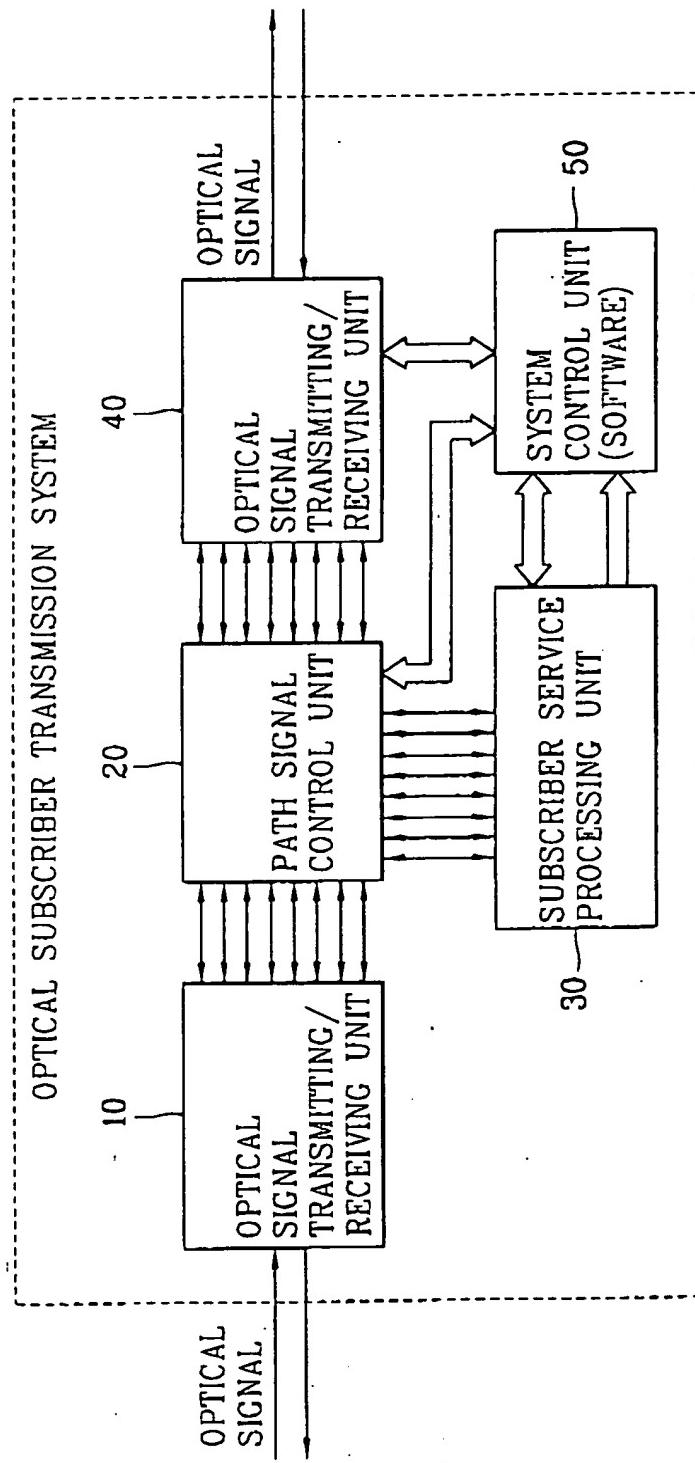


00000000000000000000000000000000

FIG. 1  
BACKGROUND ART



00274424-A-00000000

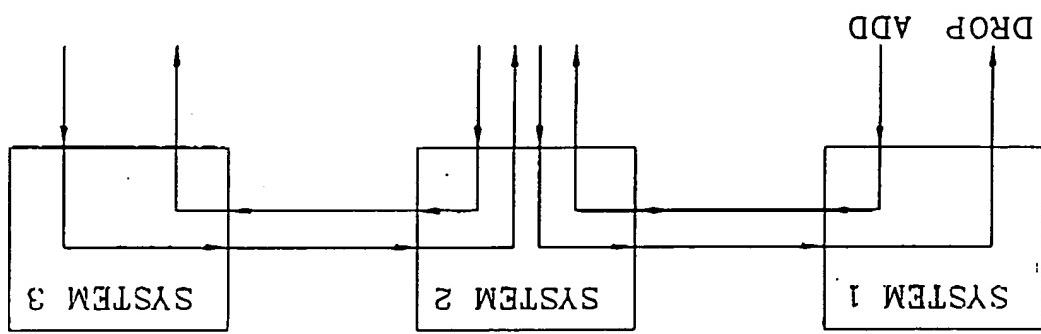
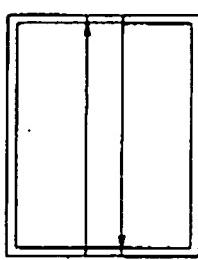


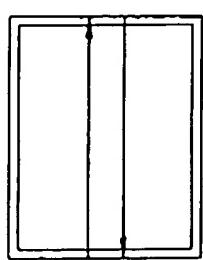
FIG. 2  
BACKGROUND ART

FIG. 3A  
BACKGROUND ART

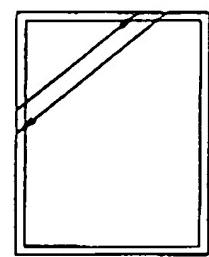


THROUGH PATH

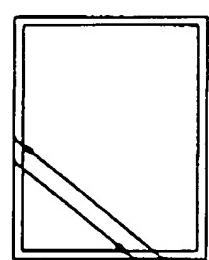
FIG. 3B  
BACKGROUND ART



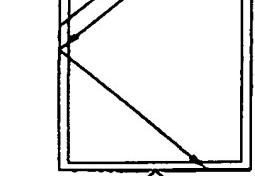
THROUGH PATH



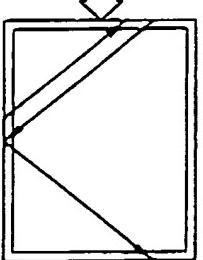
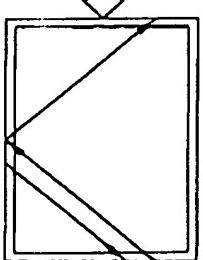
PATH SWITCH



PATH SWITCH



RING ADD-DROP PATH



0 0 0 0 0 0 0 0 0 0

FIG. 4A

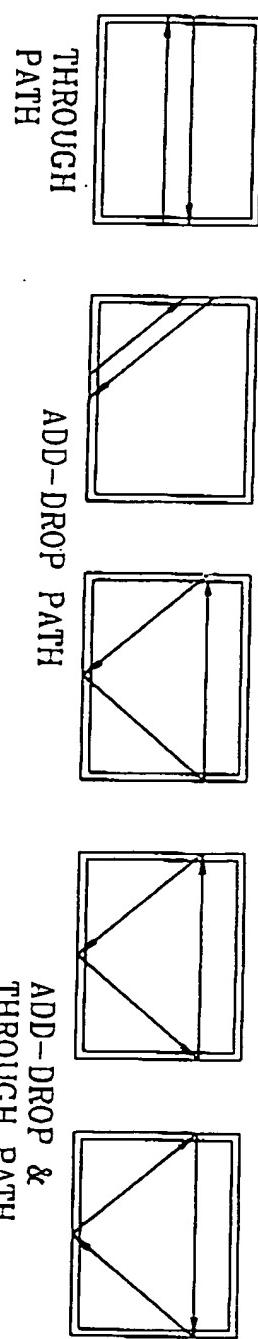
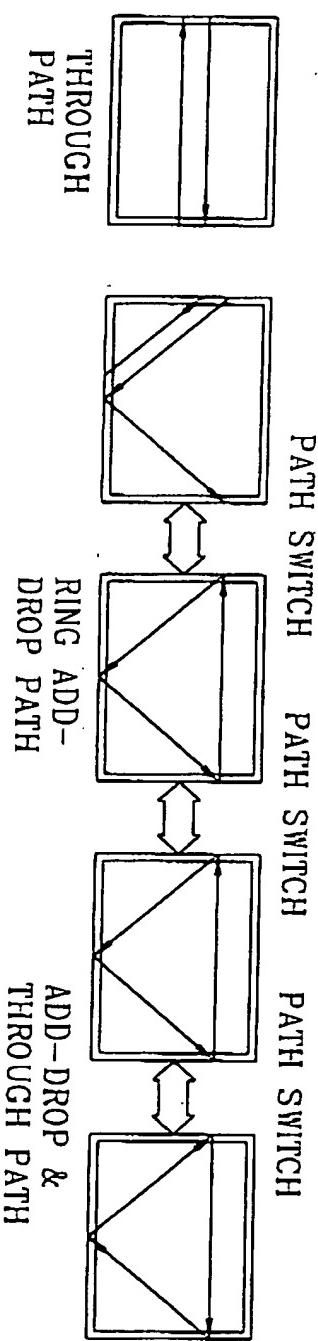


FIG. 4B



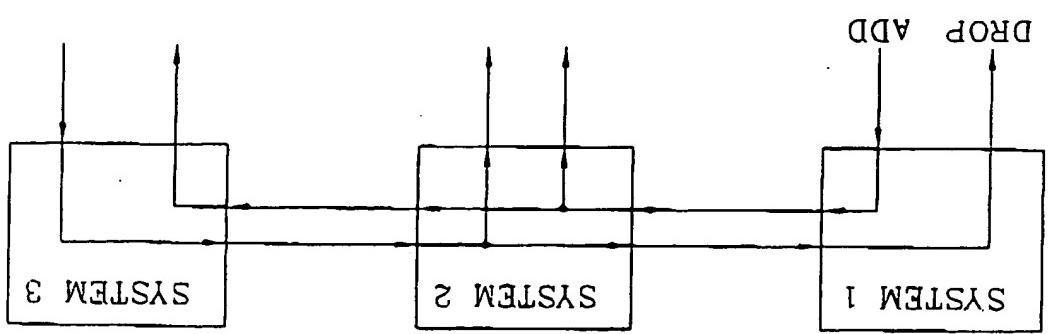


FIG. 5

FIG. 6

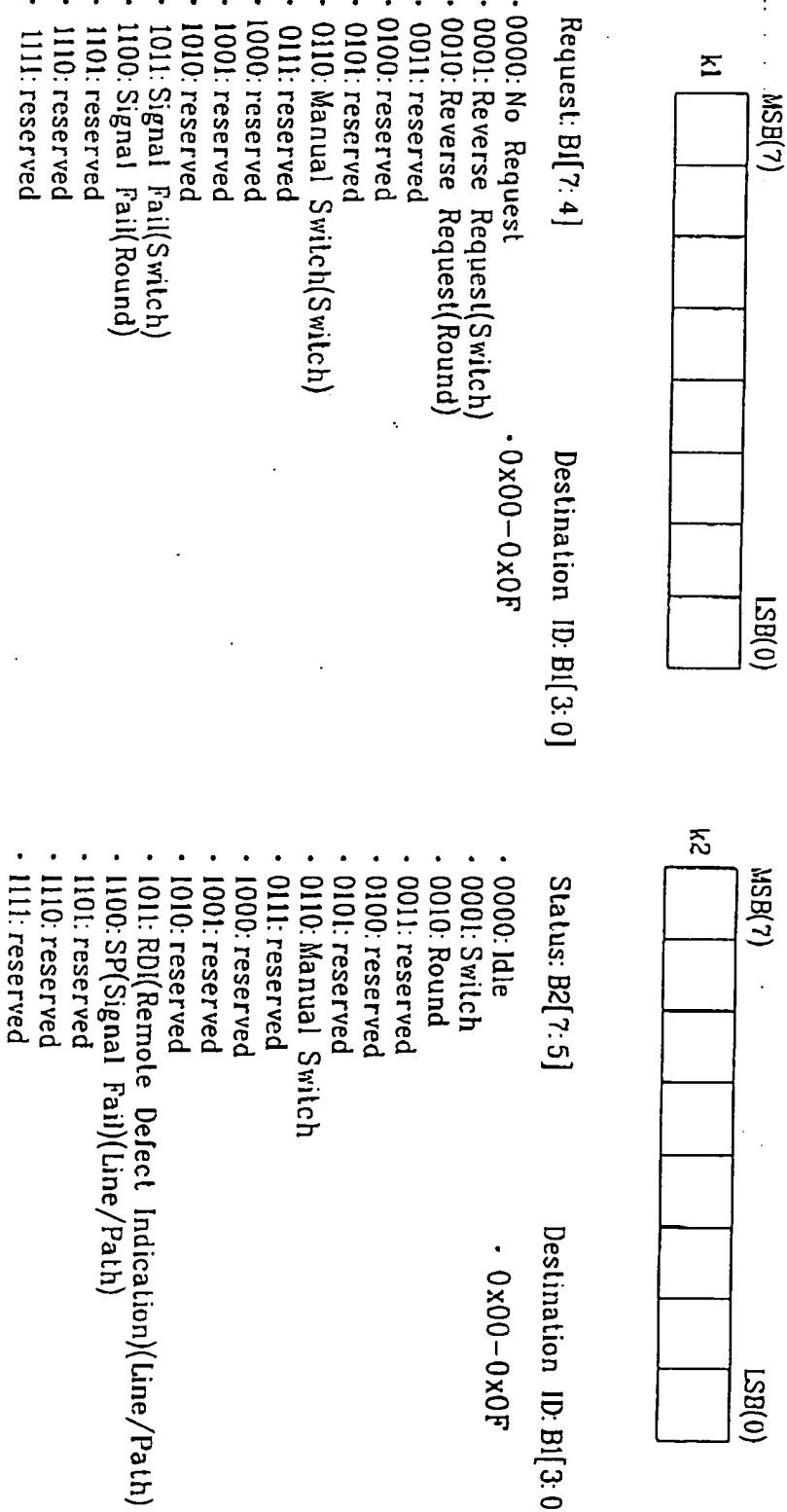


FIG. 7

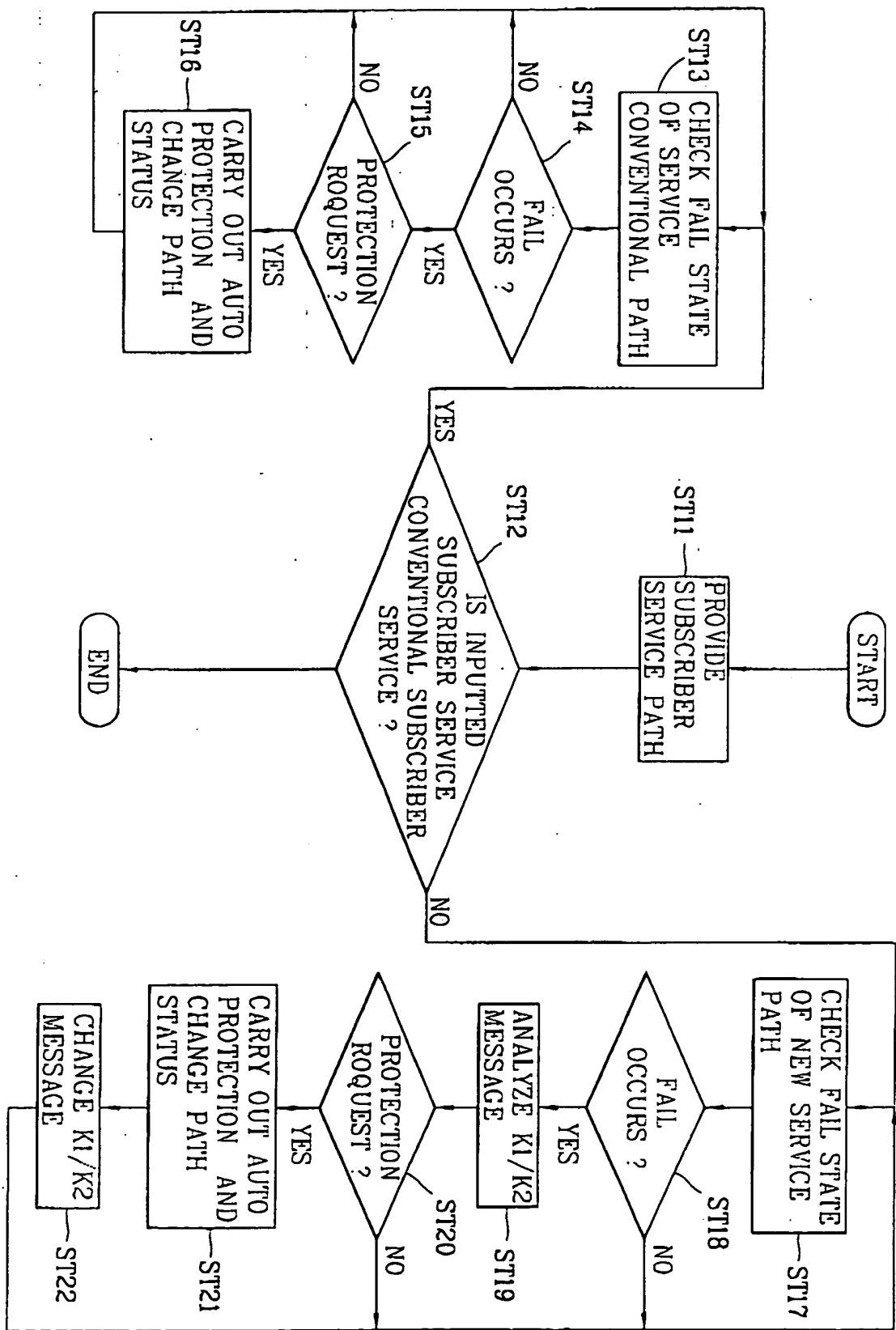
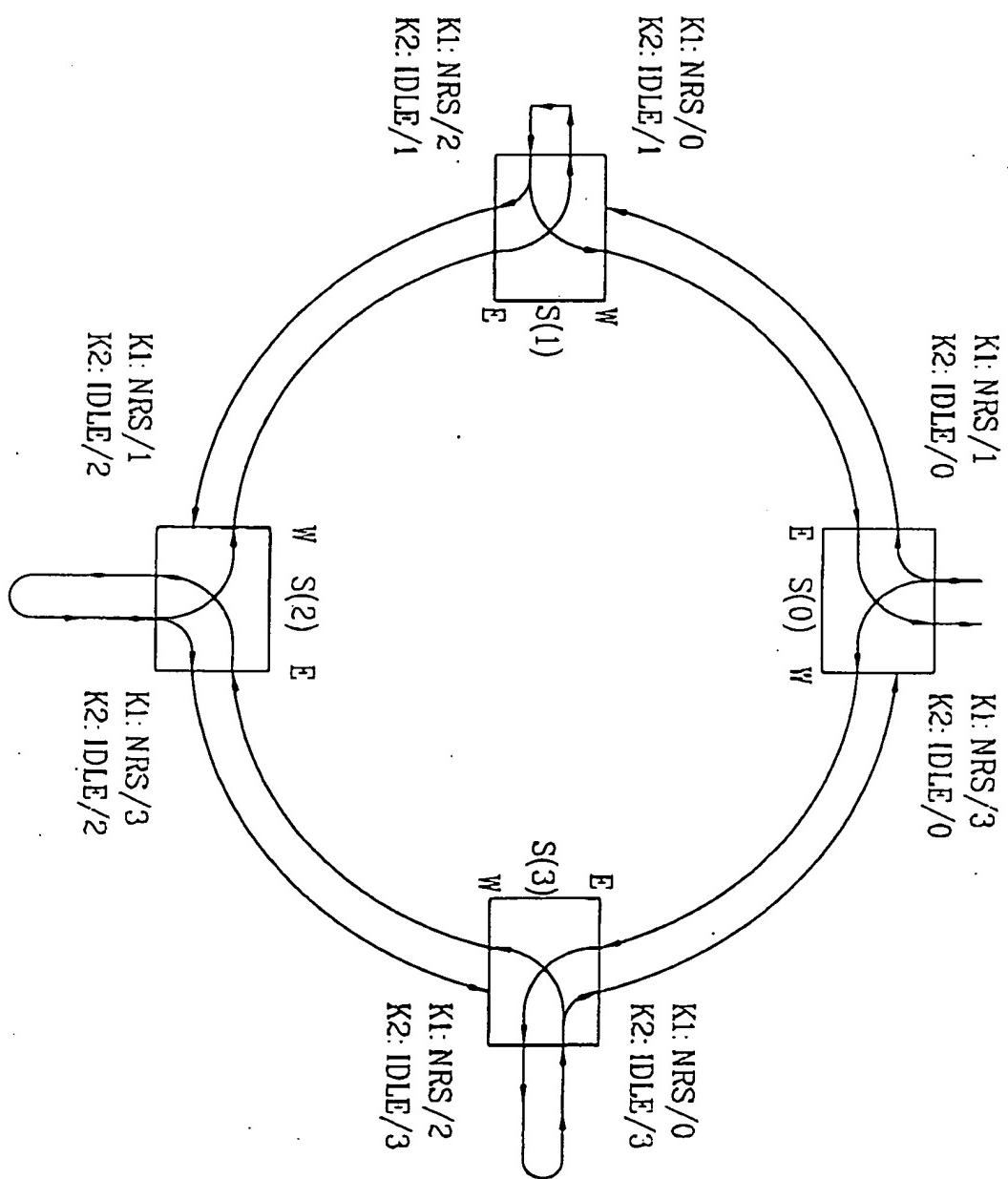


FIG. 8A



CONFIDENTIAL - SECURITY INFORMATION

FIG. 8B

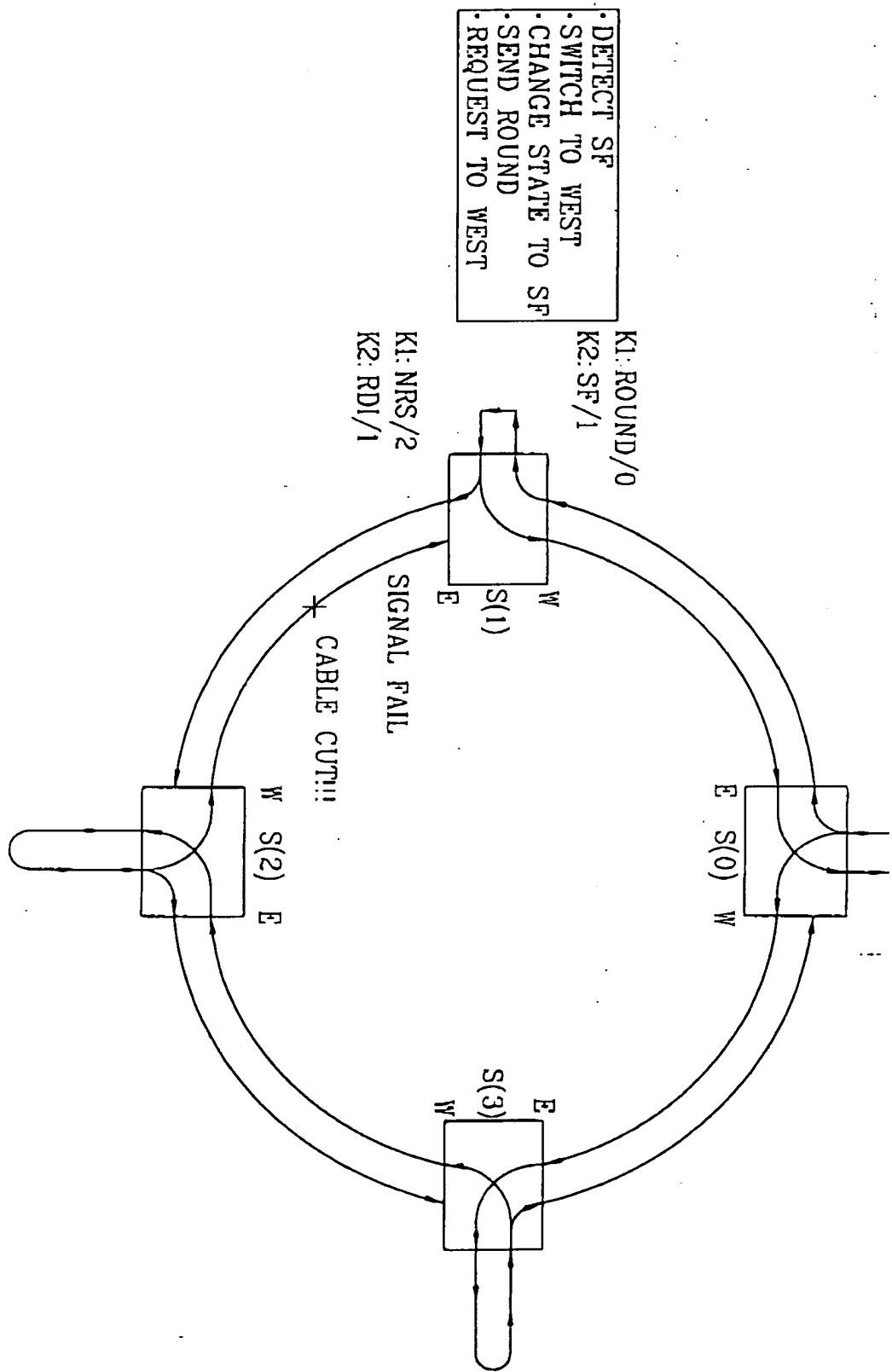


FIG. 8C

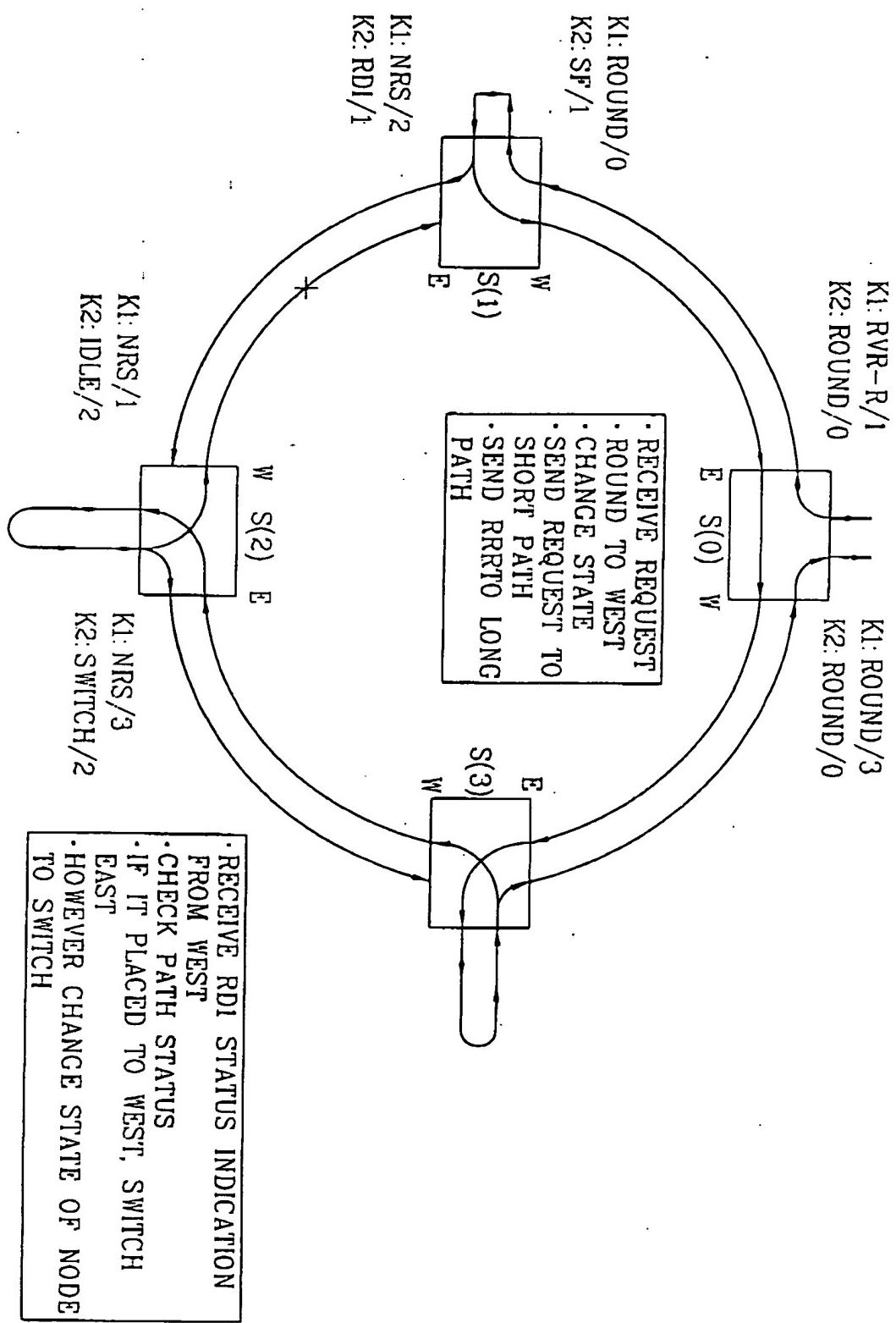


FIG. 8D

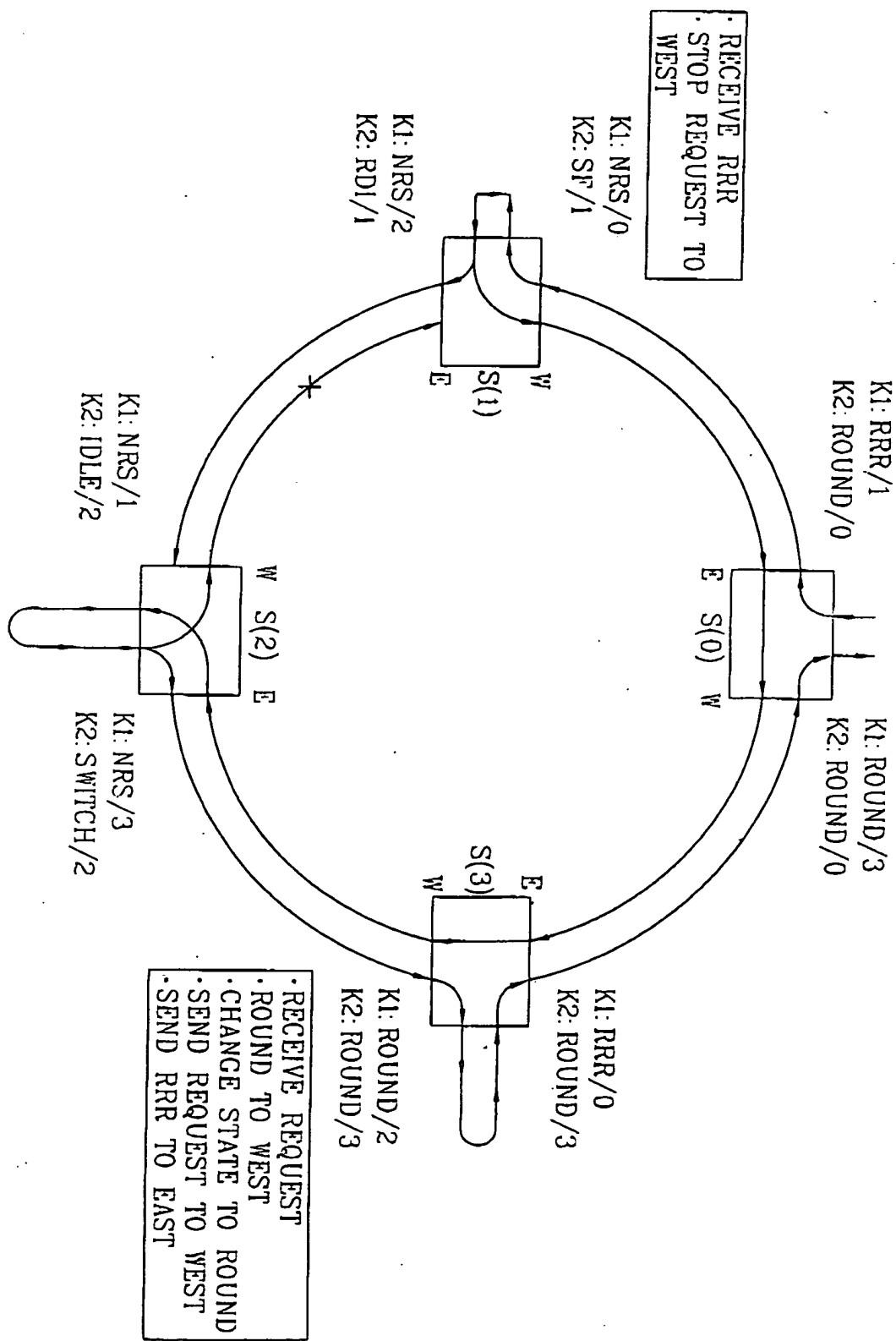


FIG. 8E

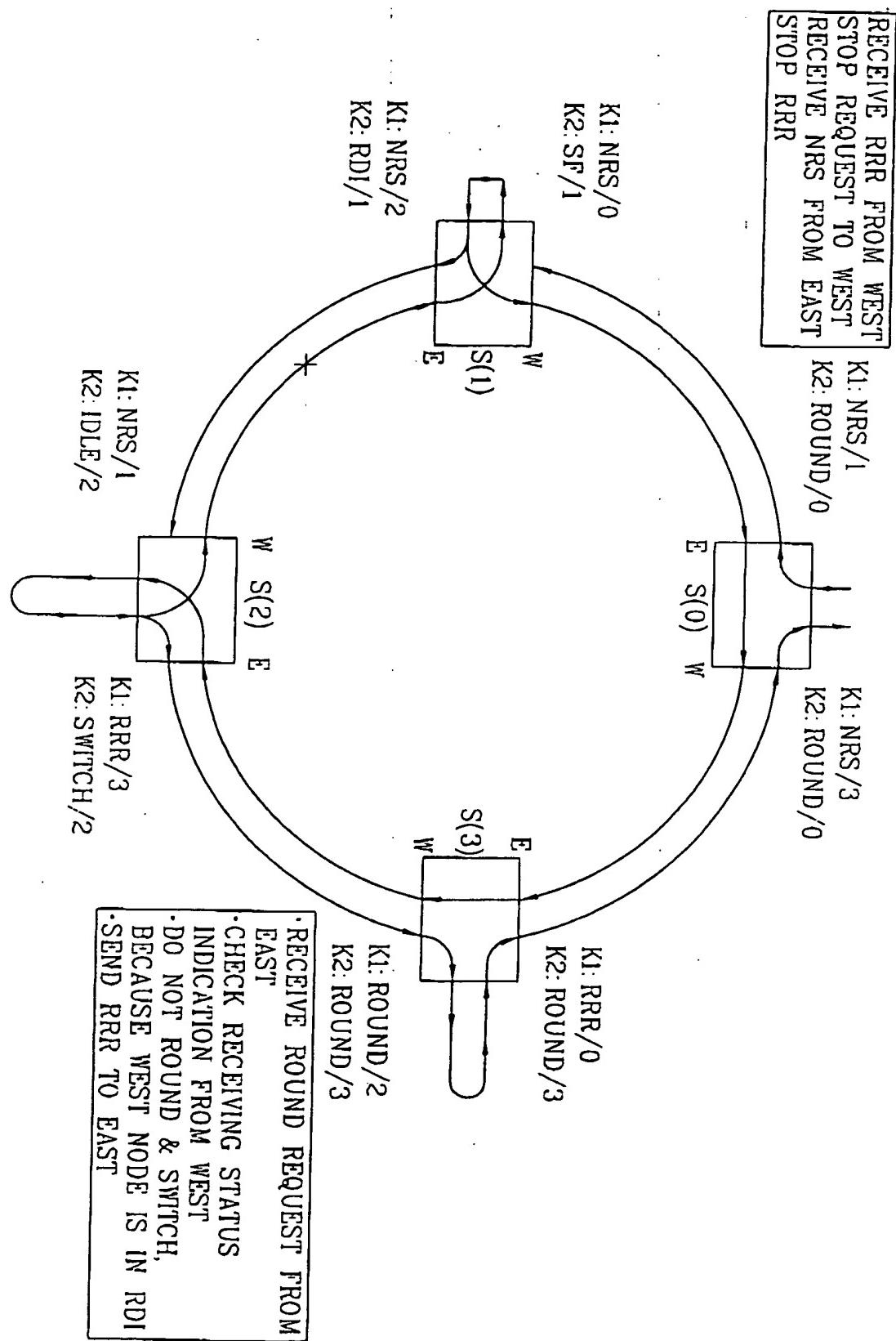


FIG. 8F

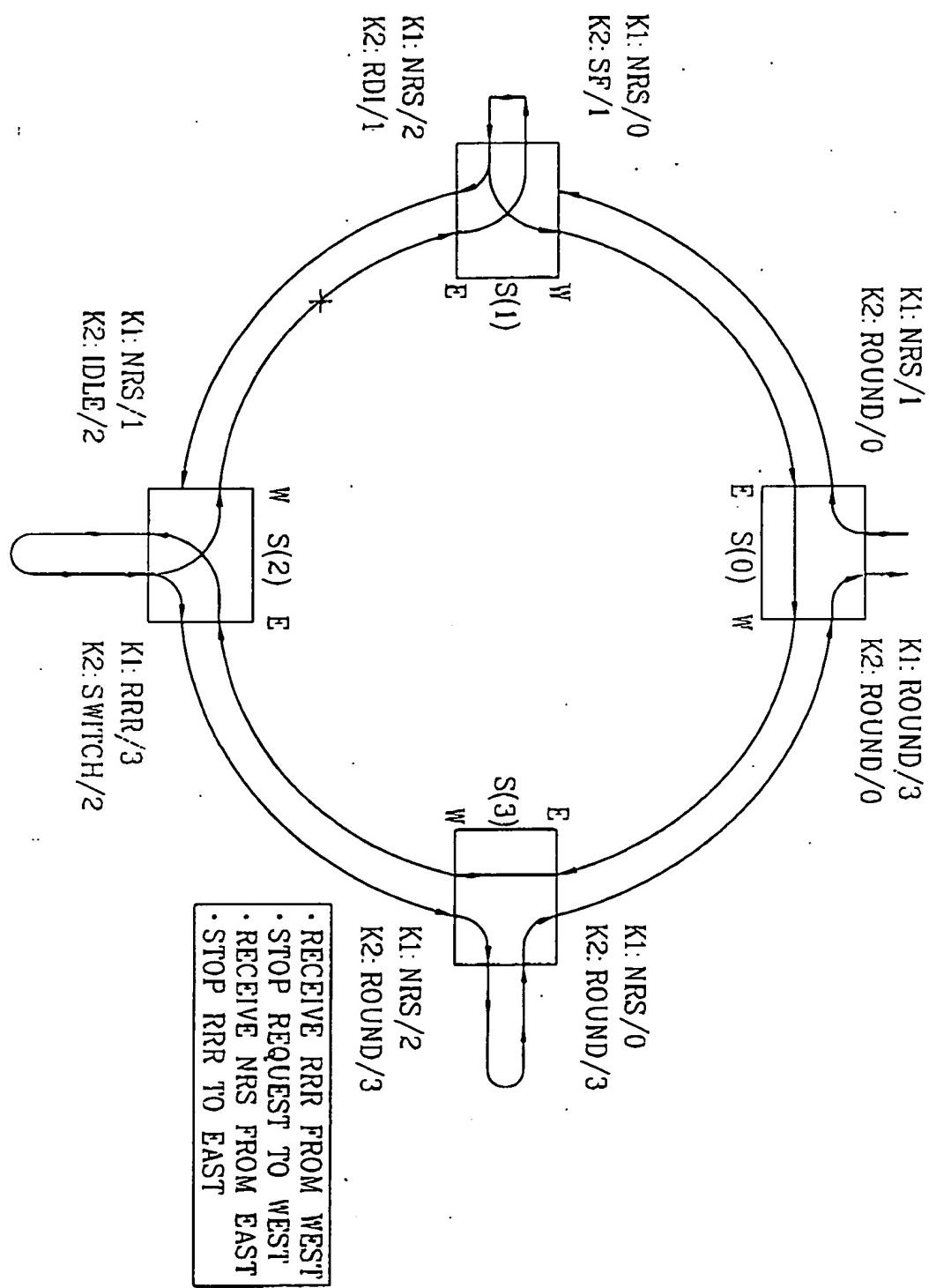


FIG. 9

